

AMENDMENTS TO THE CLAIMS

Please amend claim 4 as follows:

Sbc2 /
4. (Once Amended) The apparatus of claim 3, wherein the valve member comprises a flapper type valve hinged on one side and a torsion spring member that urges the valve member towards a location between the open position and the closed position; wherein when the sliding sleeve is in the upper position, the torsion spring member urges the valve member to seat onto the seating element; and wherein when the sliding sleeve is between the upper position and the lower position and the contact surface is not in contact with the valve member, the torsion spring member urges the valve member to be located between the open position and the closed position and to protrude into the longitudinal bore.